Deaths &

Property &

Event Type and Details

Date/Time

Location

Location	Date/Time	Injuries	Crop Dmg	Event Type and Details
INDIANA, Northeast				
ELKHART COUNTY 0.7 N WAKA	ARUSA [41.54, -86.02]			
	07/01/14 00:00 EST		0	Thunderstorm Wind (MG 63 kt)
	07/01/14 00:01 EST		0	Source: Public
Wind gusts to 73 mph were recorde down in the area with some corn fie	ed in the Nappanee and Wakarusa area, welds laid over.	est of State Route	19. Six to eight inch	n diameter limbs and utility lines were
KOSCIUSKO COUNTY 1.4 SSE	GRAVELTON [41.41, -85.92], 0.8 W MILFO	RD WEISSER ARP	PT [41.42, -85.89]	
	07/01/14 00:06 EST		0	Tornado (EF0, L: 1.79 mi , W: 50 yd)
	07/01/14 00:08 EST		0	Source: NWS Storm Survey
of County Road 400 West where a l	a brief tornado occurred south of Graveltor large metal barn was destroyed. The torna- north of County Road 1250 North where de 80 mph.	do crossed 1250 N	orth and went throu	ugh a corn field and impacted a small
KOSCIUSKO COUNTY 1.9 NE PA	ALESTINE [41.20, -85.92], 2.0 ENE PALES	TINE [41.19, -85.92	2]	
	07/01/14 00:06 EST		0	Tornado (EF1, L: 0.55 mi , W: 150 yd)
	07/01/14 00:08 EST		0	Source: NWS Storm Survey
	<u> </u>	-		-
	07/01/14 00:09 EST		0	Source: Public
Reports of estimated wind gusts to	60 mph were received.			
WABASH COUNTY 3.5 NE DISK	O [41.03, -85.90], 3.7 NW NORTH MANCH 07/01/14 00:08 EST	ESTER [41.04, -85	-	Tornado (EE1 1 : 4.40 mi - W: 150 vd)
			0	Tornado (EF1, L: 4.49 mi , W: 150 yd)
	07/01/14 00:12 EST		0	Source: NWS Storm Survey
proceeded rapidly east northeast wi	l a tornado touched down just west of State ith extensive tree and crop damage. Sever o Kosciusko County east of County Road 1 ties of around 7 miles.	al farmsteads alon	g the track suffered	minor to moderate damage of
KOSCIUSKO COUNTY 1.6 N OS			_	T
	07/01/14 00:09 EST		0	Thunderstorm Wind (EG 56 kt)
	07/01/14 00:10 EST		0	Source: NWS Employee
An off duty NWS employee estimate	ed wind gusts to 65 mph.			
ELKHART COUNTY GOSHEN [4	_			
	07/01/14 00:10 EST		0	Thunderstorm Wind (EG 60 kt)
	07/01/14 00:11 EST		0	Source: Public
A tree was blown down onto a resid	lence. No injuries were reported.			
KOSCIUSKO COUNTY 0.7 S SY	RACUSE [41.41, -85.75]			
	07/01/14 00:10 EST		0	Thunderstorm Wind (EG 60 kt)
	07/01/14 00:11 EST		0	Source: NWS Employee
An off duty NWS emplovee observe	ed a large tree down, blocking the roadway.			
I day a simpley do absolve				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
KOSCIUSKO COUNTY 4.0 ESE SIL	VER LAKE [41.04, -85.81], 3.7 SSW SIDN	IEY [41.05, -85.7	 6]	
	07/01/14 00:12 EST		0	Tornado (EF0, L: 2.52 mi , W: 150 yd)
	07/01/14 00:15 EST		0	Source: NWS Storm Survey
ust inside the Kosciusko county borde large grain bin was completely flattene and east of the farm was flattened and	ado touched down in Wabash County and r had a hog barn destroyed with much of d and severe damage occurred to a harve shredded. Additional extensive crop and the total track of the tornado across both co	the debris being t ester silo. In addit tree damage con	thrown to the south- tion, a corn crop fie tinued before the to	east into a large grain silo facility. One ld to the south of the county line road ornado dissipated in a grove of trees
KOSCIUSKO COUNTY 1.2 N ENCH			_	
	07/01/14 00:15 EST		0	Thunderstorm Wind (EG 55 kt)
	07/01/14 00:16 EST		0	Source: Broadcast Media
**	outh County Road (on the Elkhart/Koscius out crashed into a ditch and other trees, s		-	ad 43. A 61 year old male driver seen the
STEUBEN COUNTY ANGOLA TRI S				
	07/01/14 00:15 EST		0	Thunderstorm Wind (MG 57 kt)
	07/01/14 00:16 EST		0	Source: AWOS
An automated weather system at the S	Steuben County airport in Angola recorded	l a 66 mph wind (gust.	
KOSCIUSKO COUNTY 0.5 E WARS	SAW [41.23, -85.82]			
	07/01/14 00:20 EST		0	Thunderstorm Wind (EG 65 kt)
	07/01/14 00:21 EST		0	Source: Emergency Manager
KOSCIUSKO COUNTY 1.2 ESE WA	ARSAW [41.22, -85.81] 07/01/14 00:20 EST	1	0	Thunderstorm Wind (EG 60 kt)
	07/01/14 00:21 EST		0	Source: Emergency Manager
	rted a large, rotten tree fell onto the bedrome. One child escaped the impacted roon			e Mobile Home Park. Two adults and two d was subsequently killed.
MIAMI COUNTY 0.7 N (GUS)GRISS	OM AFB PER [40.66, -86.15]			
	07/01/14 00:20 EST		0	Thunderstorm Wind (MG 57 kt)
	07/01/14 00:21 EST		0	Source: Emergency Manager
Emergency management officials repo recorded by the automated sensor at the	rted trees and power lines down in the Ea he Air Reserve Base .	igle Point area , r	near Grissom Air Re	eserve Base. A 66 mph wind gust was
MIAMI COUNTY 0.7 N (GUS)GRISS			0	Thunderstorm Wind (MC 57 L4)
	07/01/14 00:21 EST		0	Thunderstorm Wind (MG 57 kt)
	07/01/14 00:22 EST		0	Source: AWOS
An automated weather system recorde	ed a 66 mph wind gust.			
KOSCIUSKO COUNTY 2.8 N NORT	'H WEBSTER [41.36, -85.70]			
	07/01/14 00:22 EST		0	Thunderstorm Wind (EG 61 kt)
	07/01/14 00:23 EST		0	Source: Official NWS Observations
Wind gusts to 65 mph were estimated	at the NWS office near North Webster.			
WHITLEY COUNTY 1.5 SSE COLLA	AMER [41.05, -85.66], 1.5 SE COLLAMER	[41.0685.65]		
	07/01/14 00:22 EST		0	Tornado (EF1, L: 0.45 mi , W: 50 yd)
	07/01/14 00:23 EST		0	Source: NWS Storm Survey
	3		-	

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A NWS survey confirmed damage consistent farmstead, destroying a barn and chicken con adjacent field to the northeast and embedded nearby home and garage sustaining minor dainust north of this location with significant debrigation winds were estimated at 100 mph.	op along with extensive tree dama I through the tree line one quarter amage to roofing and siding mate	age. Much of the de r of a mile northeas rial. However, seve	ebris from the barn t. An adjacent hors re tree damage oc	was lofted and scattered across the se barn lost most of its roof with a curred through a large grove of trees
LAGRANGE COUNTY 0.9 NE TOPEKA [4				
	07/01/14 00:23 EST		0	Thunderstorm Wind (EG 52 kt)
	07/01/14 00:24 EST		0	Source: Trained Spotter
A trained spotter estimated 60 mph wind gus	s.			
NOBLE COUNTY ROME CITY [41.50, -85.	38]			
	07/01/14 00:26 EST		0	Thunderstorm Wind (EG 60 kt)
	07/01/14 00:27 EST		0	Source: Emergency Manager
Emergency management officials reported 16	6 homes with roof damage, mostly	y minor.		
NOBLE COUNTY KIMMELL [41.40, -85.55	1			
	07/01/14 00:29 EST		0	Hail (0.75 in)
	07/01/14 00:30 EST		0	Source: Trained Spotter
NOBLE COUNTY ROME CITY [41.50, -85.	381			
NOBLE COUNTY ROME CITY [41.50, -85.	07/01/14 00:30 EST		0	Thunderstorm Wind (EG 60 kt)
	07/01/14 00:31 EST		0	Source: State Official
WHITLEY COUNTY 2.1 W RABER [41.09,	-85.47] 07/01/14 00:30 EST 07/01/14 00:31 EST		0	Thunderstorm Wind (EG 65 kt) Source: State Official
Local officials reported trees, tree limbs and pland 14.		nty. A power line wa		
LAGRANGE COUNTY 0.7 S LAGRANGE	-			
	07/01/14 00:35 EST		0	Thunderstorm Wind (EG 65 kt)
	07/01/14 00:36 EST		0	Source: Emergency Manager
Emergency management officials reported w	despread tree damage in town. T	here was a partial	roof and wall collar	ose at Parkside School.
LAGRANGE COUNTY 2.5 SW STROH [41	.56, -85.24]			
	07/01/14 00:37 EST	1	0	Thunderstorm Wind (EG 65 kt)
	07/01/14 00:38 EST		0	Source: Emergency Manager
Emergency management officials reported a tree, killing him.	six to eight foot diameter tree fell	into a residence or	n Big Long Lake . A	64 year old male was crushed by the
Direct Fatalities: M64PH				
LAGRANGE COUNTY STROH [41.58, -85	.20]			
	07/01/14 00:37 EST		0	Thunderstorm Wind (EG 65 kt)
	07/01/14 00:38 EST		0	Source: Emergency Manager
Emergency management officials reported w	despread tree damage across the	e area.		
LAGRANGE COUNTY 1.2 WSW LAGRAN	GE [41.64, -85.44], 0.5 S LAGRA	NGE [41.64, -85.42	<u> </u>	
	07/01/14 00:38 EST	-	0	Tornado (EF1, L: 0.93 mi , W: 50 yd)
	07/01/14 00:40 EST		0	Source: NWS Storm Survey

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NWS survey found damage consistent with a EF-1 tornado in a larger area of aGrange on US-20 East of County Road 100 West, where tree limb damage w napping trees as it entered the town south of the local hospital. Numerous trees	-	-	ado touched down just west of
etween US-20 and Grant Street. The tornado produced minor structural damag treet. Maximum winds were estimated at 95 mph.	s were uprooted a	and snapped just w	rest of South County Road 00 East
LLEN COUNTY 0.7 N FT WAYNE [41.08, -85.13]			
07/01/14 00:52 EST		0	Thunderstorm Wind (EG 65 kt)
07/01/14 00:53 EST		0	Source: Trained Spotter
rained spotters estimated 75 mph wind gusts near Northcrest Mall. Large tree I	limbs were down i	in the area.	
UNTINGTON COUNTY 0.9 SW MARKLE [40.82, -85.34]			
07/01/14 00:52 EST		0	Thunderstorm Wind (EG 61 kt)
07/01/14 00:53 EST		0	Source: Emergency Manager
mergency management officials reported a gas station sign and canopy were b	olown over at Inte	rstate 69 and US 2	224.
TEUBEN COUNTY ANGOLA [41.63, -85.00]			
07/01/14 00:52 EST		0	Thunderstorm Wind (EG 60 kt)
07/01/14 00:53 EST		0	Source: Emergency Manager
mergency management officials reported trees and power lines down around the	he city.		
TEUBEN COUNTY 1.2 NE NEVADA MILLS [41.74, -85.06]			
07/01/14 00:55 EST		0	Thunderstorm Wind (EG 60 kt)
07/01/14 00:56 EST		0	Source: Emergency Manager
E KALB COUNTY 0.5 E ALTONA [41.35, -85.14] 07/01/14 00:56 EST 07/01/14 00:57 EST		0 0	Thunderstorm Wind (EG 60 kt) Source: State Official
leports of trees and power lines down.			
E KALB COUNTY 2.7 WNW SUMMIT [41.53, -85.07]			
07/01/14 00:56 EST		0	Thunderstorm Wind (EG 60 kt)
07/01/14 00:57 EST		0	Source: State Official
ocal officials reported scattered trees and power lines down in the Ashley area.			
TEUBEN COUNTY ANGOLA [41.63, -85.00]			
07/01/14 00:56 EST		0	Thunderstorm Wind (EG 65 kt)
07/01/14 00:57 EST		0	Source: Emergency Manager
mergency management officials reported more than 20 trees uprooted. Four ho	omes suffered sig	gnificant damage.	
LLEN COUNTY 0.9 NW THURMAN [41.13, -85.01]			
07/01/14 01:00 EST		0	Thunderstorm Wind (EG 55 kt)
07/01/14 01:01 EST		0	Source: Amateur Radio
mateur radio operators reported six inch tree limbs down across State Route 3	7, northeast of I-4	169.	
LI EN COUNTY 4.5 NNW CDEENDALE (44.42.05.42)			
LLEN COUNTY 1.5 NNW GREENDALE [41.12, -85.13]		_	Thursdaystays Mind (FO FO Id)
07/01/14 01:00 EST		0	Thunderstorm Wind (EG 56 kt)
		0	Source: Trained Spotter
07/01/14 01:00 EST	to 65 mnh		

WELLS COUNTY --- 2.2 ENE MURRAY [40.79, -85.16]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/01/14 01:01 EST		0	Thunderstorm Wind (EG 60 kt)
	07/01/14 01:02 EST		0	Source: Public
Trees were blown down between Blufftor	n and Kingsland. A tree was also repo	rted down on 500 I	North east of State	Route 1.
ALLEN COUNTY 1.3 WNW ZULU [41.	- · · · · · · · - · · · · · · · · · · ·			Thursdoortern Wind (FO FF It)
	07/01/14 01:05 EST 07/01/14 01:06 EST		0	Thunderstorm Wind (EG 55 kt) Source: Public
			Ü	Source. Fubilit
A semi was blown off the road on US 30	near Webster Road.			
MIAMI COUNTY 0.7 N (GUS)GRISSO				T
	07/01/14 01:30 EST 07/01/14 01:31 EST		0	Thunderstorm Wind (EG 65 kt) Source: Public
	07/01/14 01.31 E31		Ü	Source. Fubilit
Two power poles were reported snapped	I at the base.			
stronger line of thunderstorms rapidly parameters to work with deep layer she convection raced into northwestern Inc edge that lead to multiple tornado conf Ist with additional wind damage and co	ear to 50 knots and a rapidly increas diana during the late evening hours, irmations and swaths of at times ext	ing low level jet to several stronger of tensive wind dama	50 knots. As this circulations were r age. The second e	second line of noted along the leading
ST. JOSEPH COUNTY 0.5 E GRANGE	ER [41.75, -86.11]			
	07/23/14 00:45 EST		0	Hail (1.50 in)
	07/23/14 00:55 EST		0	Source: Public
The public reported hail to the size of pin	ng pong balls fell for 5 to 10 minutes.			
ELKHART COUNTY 1.4 N SIMONTON				Heil (4.05 to)
	07/23/14 00:51 EST 07/23/14 01:01 EST		0	Hail (1.25 in) Source: Public
	07/23/14 01:01 L31		Ü	Source. Fubilit
The public reported hail up to the size of	half dollars fell for 5 to 10 minutes.			
A cold front was moving into the region thunderstorms. A few were able to brie	= =			nent of overnight
KOSCIUSKO COUNTY 1.3 WNW WAI				11.11/0.75
	07/26/14 13:20 EST 07/26/14 13:21 EST		0	Hail (0.75 in) Source: Public
	07/20/14 13.21 E31		U	Source. Fublic
Public reports of one half to three quarter	r inch diameter hail were received.			
KOSCIUSKO COUNTY 1.0 W PIERCE	• •			
	07/26/14 13:30 EST		0	Hail (1.00 in)
	07/26/14 13:31 EST		0	Source: Amateur Radio
Amateur radio operators reported quarte	r size hail west of Pierceton.			
KOSCIUSKO COUNTY 2.5 WNW PIER	• •			
	07/26/14 13:30 EST		0	Hail (0.88 in)
	07/26/14 13:31 EST		0	Source: Trained Spotter
A trained spotter reported nickel size hail	l.			
HUNTINGTON COUNTY 0.7 S ROANG	OKE [40.96, -85.37]			
	07/26/14 14:10 EST		0	Hail (0.75 in)
	07/26/14 14:11 EST		0	Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A trained spotter reported penny size ha	ail.			
WELLS COUNTY 4.8 W UNIONDALI				
	07/26/14 14:32 EST		0	Hail (1.50 in)
	07/26/14 14:33 EST		0	Source: Trained Spotter
A trained spotter reported hail to the siz	e of ping pong balls.			
VELLS COUNTY 3.9 WSW UNIOND	ALE [40.81, -85.30]			
	07/26/14 14:33 EST		0	Hail (1.25 in)
	07/26/14 14:34 EST		0	Source: Trained Spotter
A trained spotter reported hail to the siz	e of a half dollar.			
WELLS COUNTY 1.4 N BLUFFTON	[40.75, -85.17]			
	07/26/14 14:48 EST		0	Hail (2.00 in)
	07/26/14 14:49 EST		0	Source: Public
The public reported hail to the size of he	en eggs.			
WELLS COUNTY 2.1 S VERA CRUZ	[40.67, -85.08]			
	07/26/14 14:48 EST		0	Hail (1.75 in)
	07/26/14 14:49 EST		0	Source: Trained Spotter
A trained spotter reported golf ball size	hail.			
some to the size of tennis balls.	hibiting supercell characteristics. The			
	07/27/14 14:00 EST		0	Hail (1.25 in)
	07/27/14 14:01 EST		0	Source: Public
The public posted pictures of hail slightl	y larger than the size of quarters on the	e office Facebook բ	page.	
ST. JOSEPH COUNTY 0.5 E NUTWO	OOD [41.60, -86.27]			
	07/27/14 14:20 EST		0	Hail (1.25 in)
	07/27/14 14:21 EST		0	Source: Trained Spotter
KOSCIUSKO COUNTY 2.6 N NORTH	H WEBSTER [41.3685.70]			
	07/27/14 14:37 EST		0	Hail (1.00 in)
	07/27/14 14:40 EST		0	Source: Official NWS Observations
On duty staff at the NWS office observe	ed a period of hail, ranging from mainly	pea size hail to arc	ound the size of qua	arters for a 3 minute period.
NOBLE COUNTY 0.7 N WOLFLAKE	[41.34, -85.50]			
	07/27/14 14:50 EST		0	Thunderstorm Wind (EG 55 kt)
	07/27/14 14:51 EST		0	Source: Emergency Manager
Emergency management officials repor	ted tree limbs and power lines down alo	ong US 33 in the s	outhern parts of the	e county.
NOBLE COUNTY 0.7 N WOLFLAKE	[41.34, -85.50]			
	07/27/14 14:50 EST		0	Thunderstorm Wind (EG 58 kt)
	07/27/14 14:51 EST		0	Source: Emergency Manager
Emergency management officials repor	ted tree limbs and power lines down ald	ong US 33 in the s	outhern parts of the	e county.
ST. JOSEPH COUNTY 0.7 N SOUTH	BEND [41.68, -86.25]			
	07/27/14 14:50 EST		0	Hail (1.25 in)
	07/27/14 14:51 EST		0	Source: Trained Spotter

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ELYMART COUNTY 3.5 NeW PARIS (61.45, -85.64)	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A trained spotter reported quarter size hall on US 6, just east of State Route 15. ***NOBLE COUNTY ALBION [41-40, -88-42]** O727/14 15:00 EST 0 Hall (0.75 in) O727/14 15:00 EST 0 Source: Public The public reported dime size hall and a few small tree limbs down on the office Facebook page. ***KOSCUSKO COUNTY 2.1 NE NORTH WEBSTER [41-34, -88-67] O727/14 15:00 EST 0 Thunderstorm Wind (EG 58 kt) O727/14 15:00 EST 0 Thunderstorm Wind (EG 58 kt) O727/14 15:00 EST 0 Thunderstorm Wind (EG 58 kt) O727/14 15:00 EST 0 Thunderstorm Wind (EG 58 kt) O727/14 15:00 EST 0 Thunderstorm Wind (EG 50 kt) O727/14 15:00 EST 0 Thunderstorm Wind (EG 50 kt) O727/14 15:00 EST 0 Thunderstorm Wind (EG 50 kt) O727/14 15:00 EST 0 Thunderstorm Wind (EG 50 kt) O727/14 15:00 EST 0 Thunderstorm Wind (EG 50 kt) O727/14 15:00 EST 0 Thunderstorm Wind (EG 50 kt) O727/14 15:00 EST 0 Thunderstorm Wind (EG 50 kt) O727/14 15:00 EST 0 Thunderstorm Wind (EG 50 kt) O727/14 15:00 EST 0 Thunderstorm Wind (EG 50 kt) O727/14 15:00 EST 0 Thunderstorm Wind (EG 50 kt) O727/14 15:00 EST 0 Thunderstorm Wind (EG 50 kt) O727/14 15:00 EST 0 Thunderstorm Wind (EG 50 kt) O727/14 15:00 EST 0 Thunderstorm Wind (EG 50 kt) O727/14 15:00 EST 0 Thunderstorm Wind (EG 50 kt) O727/14 15:10 EST 0 Hall (1.75 in) O727/14 15:10 EST 0 Hall (1.75 in) O727/14 15:10 EST 0 Source: Official NN/S Observations A second storm brought hair anging from one hall find to one inch in diameter. WHITLEY COUNTY 2.2 WINW ETNA (41.28, -85.61) O727/14 15:10 EST 0 Hall (1.75 in) O727/14 15:31 EST 0 Source: Public Allen COUNTY 1.7 NE FT WAYNE SMITH AFT (1.17, -85.13) O727/14 15:31 EST 0 Source: Anateur Radio Allen COUNTY 1.7 NE FT WAYNE SMITH AFT (1.17, -85.13) O727/14 15:32 EST 0 Hall (1.75 in) O727/14 15:43 EST 0 Hall (1.75 in) O727/14 15:45 EST 0 Hall (1.75 in) O727/14 15:45 EST 0 Hall (1.75 in) O727/14 15:45 EST 0 Hall (1.75 in) O727/14 15:46 EST 0 Hall (1.75 in) O727/14 15:46 EST 0 Hall (1.75 in)	ELKHART COUNTY 3.5 S NEW PARIS [41.45, -8	=			
A trained spotter reported quarter size hall on US 6, just east of State Route 15. **NOBLE COUNTY ALBION [41-40, -86.42]** **OTZ7714 15:00 EST					
NOBLE COUNTY — ALBION [41.40, -88.42] 0727714 15:00 EST 0727714 15:00 EST 0727714 15:00 EST 0727714 15:00 EST 0 Source: Public The public reported dime size hall and a few small free limbs down on the office Facebook page. KOSCIUSKO COUNTY — 2.1 NE NORTH WEBSTER [41.34, -86.87] 0727714 15:00 EST 0 Thunderstorm Wind (EG 58 kt) 0727714 15:00 EST 0 Thunderstorm Wind (EG 58 kt) 0727714 15:00 EST 0 Thunderstorm Wind (EG 50 kt) 0727714 15:00 EST 0 Thunderstorm Wind (EG 50 kt) 0727714 15:00 EST 0 Thunderstorm Wind (EG 50 kt) 0727714 15:00 EST 0 Thunderstorm Wind (EG 50 kt) 0727714 15:00 EST 0 Source: Trained Spotter KOSCIUSKO COUNTY — 2.7 N NORTH WEBSTER [41.36, -85.70] 0727714 15:10 EST 0 Hail (1.00 in) 0727714 15:10 EST 0 Source: Official NWS Observations WHITLEY COUNTY — 2.2 WINW ETNA [41.28, -85.61] 0727714 15:10 EST 0 Hail (1.75 in) 0727714 15:10 EST 0 Source: Public The public posted a picture of hail at least the size of golf balls on the office Twitter account. ALLEN COUNTY — 0.9 NW CEDAR CANYONS [41.24, -86.86] 0727714 15:31 EST 0 Source: Amaleur Radio 0727714 15:31 EST 0 Source: Amaleur Radio 0727714 15:32 EST 0 Thunderstorm Wind (EG 52 kt) 0727714 15:32 EST 0 Source: Trained Spotter Attained spotter estimated wind guats to 60 mph near the intersection of Coldwater and Till Roads. ALLEN COUNTY — 1.7 NE FT WAYNE SMITH ARPT [41.17, -85.13] 0727714 15:32 EST 0 Source: Trained Spotter Attained spotter estimated wind guats to 60 mph near the intersection of Coldwater and Till Roads. ALLEN COUNTY — 0.7 S GRABILL [41.21, -48.49] 0727714 15:34 EST 0 Source: Public The public peponed hail to the size of quanters. HUNTINGTON COUNTY — 1.0 W HUNTINGTON [60.88, -85.50] 0727714 15:34 EST 0 Hail (0.75 in)		07/27/14 14:56 EST		0	Source: Trained Spotter
### 1072714 15:00 EST	A trained spotter reported quarter size hail on US 6,	just east of State Route 15	5.		
The public reported dime size hail and a few small tree limbs down on the office Facebook page. ***********************************	NOBLE COUNTY ALBION [41.40, -85.42]				
The public reported dime size hail and a few small tree limbs down on the office Facebook page. KOSCIUSKO COUNTY 2.1 NE NORTH WEBSTER (41.34, -48.51) 07/27/14 15:06 EST 0 Source: Annateur Radio Amateur radio operators reported a large tree was blown down. covering Epworth Forest Road. WHITLEY COUNTY CHURUBUSCO [41.23, -85.32] 07/27/14 15:07 EST 0 Source: Trained Spotter A trained spotter reported power lines down on US 33. KOSCIUSKO COUNTY 2.7 N NORTH WEBSTER [41.34, -85.70] 07/27/14 15:10 EST 0 Source: Official NWS Observations A second storm brought hail ranging from one half inch to one inch in diameter. WHITLEY COUNTY 2.2 WNW ETNA [41.24, -85.81] 07/27/14 15:19 EST 0 Hail (1.75 in) 07/27/14 15:19 EST 0 Source: Public The public posted a picture of hail at least the size of golf bails on the office Twitter account: ALLEN COUNTY 0.9 NW CEDAR CANYONS [41.24, -85.89] 07/27/14 15:31 EST 0 Source: Amateur Radio Amateur radio operators reported penny size hail for three minutes along with a few small tree limbs down. ALLEN COUNTY 1.7 NE FT WAYNE SMITH ARPT [41.17, -85.13] 07/27/14 15:31 EST 0 TO TWITH 15:31 EST 0 Source: Trained Spotter Allen COUNTY 1.7 NE FT WAYNE SMITH ARPT [41.17, -85.13] 07/27/14 15:32 EST 0 Source: Trained Spotter Allen COUNTY 1.7 S GRABILL [41.21, -84.97] 07/27/14 15:34 EST 0 Source: Trained Spotter Allen COUNTY 1.7 S GRABILL [41.21, -84.97] 07/27/14 15:34 EST 0 Hail (1.70 in) 07/27/14 15:34 EST 0 Source: Trained Spotter The public reported hail to the size of quarters.					
Note		07/27/14 15:01 EST		0	Source: Public
07/27/14 15:06 EST 0 Thunderstorm Wind (EG 58 kt) 07/27/14 15:07 EST 0 Source: Amateur Radio Amateur radio operators reported a large tree was blown down, covering Epworth Forest Road. WHITLEY COUNTY CHURUBUSCO [41.23, -85.32] 07/27/14 15:06 EST 0 Thunderstorm Wind (EG 50 kt) 07/27/14 15:07 EST 0 Source: Trained Spotter A trained spotter reported power lines down on US 33. KOSCIUSKO COUNTY 2.7 N NORTH WEBSTER [41.36, -85.70] 0 Hail (1.00 in) 07/27/14 15:10 EST 0 Source: Official NWS Observations A second storm brought hail ranging from one half inch to one inch in diameter. WHITLEY COUNTY 2.2 WINW ETNA [41.28, -85.61] 0 Hail (1.75 in) 07/27/14 15:19 EST 0 Source: Public The public posted a picture of hail at least the size of goff balls on the office Twitter account. ALLEN COUNTY 0.9 NW CEDAR CANYONS [41.24, -85.68] 07/27/14 15:31 EST 0 Source: Amateur Radio Amateur radio operators reported penny size hall for three minutes along with a few small tree limbs down. ALLEN COUNTY 1.7 NE FT WAYNE SMITH ARPT [41.17, -85.13] 0 Thunderstorm Wind (EG 52 kt) Source: Trained Spotter At valued spotter estimated wind gusts to 60 mph near the intersection of Coldwater and Till Roads. ALLEN COUNTY 0.7 S GRABILL [41.21, -84.97] 07/27/14 15:43 EST 0 Hail (1.00 in) Source: Trained Spotter At valued spotter estimated wind gusts to 60 mph near the intersection of Coldwater and Till Roads. ALLEN COUNTY 0.7 S GRABILL [41.21, -84.97] 07/27/14 15:43 EST 0 Hail (1.00 in) Source: Public The public reported hail to the size of quarters. HUNTINGTON COUNTY 1.0 W HUNTINGTON [40.88, -85.50] 07/27/14 15:44 EST 0 Hail (0.75 in)	The public reported dime size hail and a few small to	ree limbs down on the offic	e Facebook page.		
Amateur radio operators reported a large tree was blown down, covering Epworth Forest Road. WHITLEY COUNTY — CHURUBUSCO [41.23, 45.32] 07/27/14 15:06 EST 0 Thunderstorm Wind (EG 50 kt) 07/27/14 15:06 EST 0 Source: Trained Spotter A trained spotter reported power lines down on US 33. KOSCIUSKO COUNTY — 2.7 N NORTH WEBSTER [41.36, 45.70] 07/27/14 15:10 EST 0 Hail (1.00 in) 07/27/14 15:11 EST 0 Source: Official NWS Observations A second storm brought hall ranging from one half inch to one inch in diameter. WHITLEY COUNTY — 2.2 WINW ETNA [41.28, -85.81] 07/27/14 15:18 EST 0 Source: Public The public posted a picture of hail at least the size of golf balls on the office Twitter account. ALLEN COUNTY — 0.9 NW CEDAR CANYONS [41.24, -85.89] 07/27/14 15:31 EST 0 Source: Amateur Radio Amateur radio operators reported penny size hail for three minutes along with a few small tree limbs down. ALLEN COUNTY — 1.7 NE FT WAYNE SMITH ARPT [41.17, -85.13] 07/27/14 15:32 EST 0 Thunderstorm Wind (EG 52 kt) 07/27/14 15:32 EST 0 Source: Trained Spotter A trained spotter estimated wind guists to 80 mph near the intersection of Coldweter and Till Roads. ALLEN COUNTY — 0.7 S GRABILL [41.21, -48.87] 07/27/14 15:43 EST 0 Source: Trained Spotter HUNTINGTON COUNTY — 1.0 W HUNTINGTON [40.88, -85.50] 07/27/14 15:44 EST 0 Source: Public	KOSCIUSKO COUNTY 2.1 NE NORTH WEBSTE				
Amateur radio operators reported a large tree was blown down, covering Epworth Forest Road. WHITLEY COUNTY CHURUBUSCO [41.23, -85.32]					
### WHITLEY COUNTY CHURUBUSCO [41.23, -85.32] 07/27/14 15:06 EST 07/27/14 15:07 EST 0 Source: Trained Spotter A trained spotter reported power lines down on US 33. ### KOSCIUSKO COUNTY 2.7 N NORTH WEBSTER [41.36, -85.70] 07/27/14 15:10 EST 0 Source: Official NWS Observations A second storm brought half ranging from one half linch to one inch in diameter. ###################################		07/27/14 15:07 EST		0	Source: Amateur Radio
O7/27/14 15:06 EST 0 Thunderstorm Wind (EG 50 kt)	Amateur radio operators reported a large tree was b	lown down, covering Epwo	orth Forest Road.		
A trained spotter reported power lines down on US 33. KOSCIUSKO COUNTY 2.7 N NORTH WEBSTER [41.36, -85.70]	WHITLEY COUNTY CHURUBUSCO [41.23, -85.3	_			
A trained spotter reported power lines down on US 33. KOSCIUSKO COUNTY 2.7 N NORTH WEBSTER [41.36, -85.70] 07/27/14 15:10 EST 0 Source: Official NWS Observations A second storm brought hail ranging from one half inch to one inch in diameter. WHITLEY COUNTY 2.2 WNW ETNA [41.28, -85.61] 07/27/14 15:18 EST 0 Hail (1.75 in) 07/27/14 15:19 EST 0 Source: Public The public posted a picture of hail at least the size of golf balls on the office Twitter account. ALLEN COUNTY 0.9 NW CEDAR CANYONS [41.24, -85.08] 07/27/14 15:28 EST 0 Hail (0.75 in) 07/27/14 15:31 EST 0 Source: Amateur Radio Amateur radio operators reported penny size hail for three minutes along with a few small tree limbs down. ALLEN COUNTY 1.7 NE FT WAYNE SMITH ARPT [41.17, -85.13] 07/27/14 15:31 EST 0 Thunderstorm Wind (EG 52 kt) 07/27/14 15:32 EST 0 Source: Trained Spotter A trained spotter estimated wind gusts to 60 mph near the intersection of Coldwater and Till Roads. ALLEN COUNTY 0.7 S GRABILL [41.21, -84.97] 07/27/14 15:43 EST 0 Hail (1.00 in) 07/27/14 15:44 EST 0 Source: Public The public reported hail to the size of quarters. HUNTINGTON COUNTY 1.0 W HUNTINGTON [40.88, -85.50] 07/27/14 15:54 EST 0 Hail (0.75 in)					
Mosciusko County 2.7 n North Webster [41.36, -85.70] 07/27/14 15:10 EST 0 0 0 0 0 0 0 0 0		07/27/14 15:07 EST		0	Source: Trained Spotter
07/27/14 15:10 EST 0 Hail (1.00 in) 07/27/14 15:11 EST 0 Source: Official NWS Observations A second storm brought hail ranging from one half inch to one inch in diameter. WHITLEY COUNTY 2.2 WNW ETNA [41.28, -85.61] 07/27/14 15:18 EST 0 Hail (1.75 in) 07/27/14 15:19 EST 0 Source: Public The public posted a picture of hail at least the size of golf balls on the office Twitter account. ALLEN COUNTY 0.9 NW CEDAR CANYONS [41.24, -85.08] 07/27/14 15:31 EST 0 Hail (0.75 in) 07/27/14 15:31 EST 0 Source: Amateur Radio Amateur radio operators reported penny size hail for three minutes along with a few small tree limbs down. ALLEN COUNTY 1.7 NE FT WAYNE SMITH ARPT [41.17, -85.13] 07/27/14 15:31 EST 0 Thunderstorm Wind (EG 52 kt) 07/27/14 15:32 EST 0 Source: Trained Spotter A trained spotter estimated wind gusts to 60 mph near the intersection of Coldwater and Till Roads. ALLEN COUNTY 0.7 S GRABILL [41.21, -84.97] 07/27/14 15:43 EST 0 Hail (1.00 in) 07/27/14 15:44 EST 0 Source: Public The public reported hail to the size of quarters. HUNTINGTON COUNTY 1.0 W HUNTINGTON [40.88, -85.50] 07/27/14 15:54 EST 0 Hail (0.75 in)	A trained spotter reported power lines down on US 3	33.			
A second storm brought hail ranging from one half Inch to one inch in diameter. WHITLEY COUNTY 2.2 WNW ETNA [41.28, -85.61] 07/27/14 15:19 EST 0	KOSCIUSKO COUNTY 2.7 N NORTH WEBSTER	[41.36, -85.70]			
A second storm brought hail ranging from one half inch to one inch in diameter. WHITLEY COUNTY 2.2 WNW ETNA [41.28, -85.61] 07/27/14 15:19 EST 0 Source: Public The public posted a picture of hail at least the size of golf balls on the office Twitter account. ALLEN COUNTY 0.9 NW CEDAR CANYONS [41.24, -85.08] 07/27/14 15:31 EST 0 Source: Amateur Radio Amateur radio operators reported penny size hail for three minutes along with a few small tree limbs down. ALLEN COUNTY 1.7 NE FT WAYNE SMITH ARPT [41.17, -85.13] 07/27/14 15:31 EST 0 Thunderstorm Wind (EG 52 kt) 07/27/14 15:32 EST 0 Source: Trained Spotter A trained spotter estimated wind gusts to 60 mph near the intersection of Coldwater and Till Roads. ALLEN COUNTY 0.7 S GRABILL [41.21, -84.97] 07/27/14 15:43 EST 0 Hail (1.00 in) 07/27/14 15:44 EST 0 Source: Public The public reported hail to the size of quarters. HUNTINGTON COUNTY 1.0 W HUNTINGTON [40.88, -85.50] 07/27/14 15:54 EST 0 Hail (0.75 in)		07/27/14 15:10 EST		0	Hail (1.00 in)
WHITLEY COUNTY 2.2 WNW ETNA [41.28, -85.81]		07/27/14 15:11 EST		0	Source: Official NWS Observations
07/27/14 15:18 EST 0 Hail (1.75 in) 07/27/14 15:19 EST 0 Source: Public The public posted a picture of hail at least the size of golf balls on the office Twitter account. ALLEN COUNTY — 0.9 NW CEDAR CANYONS [41.24, 485.08] 07/27/14 15:28 EST 0 Hail (0.75 in) 07/27/14 15:31 EST 0 Source: Amateur Radio Amateur radio operators reported penny size hail for three minutes along with a few small tree limbs down. ALLEN COUNTY — 1.7 NE FT WAYNE SMITH ARPT [41.17, -85.13] 07/27/14 15:31 EST 0 Thunderstorm Wind (EG 52 kt) 07/27/14 15:32 EST 0 Source: Trained Spotter A trained spotter estimated wind gusts to 60 mph near the intersection of Coldwater and Till Roads. ALLEN COUNTY — 0.7 S GRABILL [41.21, -84.97] 07/27/14 15:43 EST 0 Hail (1.00 in) 07/27/14 15:44 EST 0 Source: Public The public reported hail to the size of quarters. HUNTINGTON COUNTY — 1.0 W HUNTINGTON [40.88, -85.50] 07/27/14 15:54 EST 0 Hail (0.75 in)	A second storm brought hail ranging from one half in	nch to one inch in diameter	:		
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The public posted a picture of hail at least the size of golf balls on the office Twitter account. ALLEN COUNTY 0.9 NW CEDAR CANYONS [41.24, -85.08] 07/27/14 15:28 EST 0 Hail (0.75 in) 07/27/14 15:31 EST 0 Source: Amateur Radio Amateur radio operators reported penny size hail for three minutes along with a few small tree limbs down. ALLEN COUNTY 1.7 NE FT WAYNE SMITH ARPT [41.17, -85.13] 07/27/14 15:31 EST 0 Thunderstorm Wind (EG 52 kt) 07/27/14 15:32 EST 0 Source: Trained Spotter A trained spotter estimated wind gusts to 60 mph near the intersection of Coldwater and Till Roads. ALLEN COUNTY 0.7 S GRABILL [41.21, -84.97] 07/27/14 15:43 EST 0 Hail (1.00 in) 07/27/14 15:44 EST 0 Source: Public The public reported hail to the size of quarters. HUNTINGTON COUNTY 1.0 W HUNTINGTON [40.88, -85.50] 07/27/14 15:54 EST 0 Hail (0.75 in)		07/27/14 15:18 EST		0	Hail (1.75 in)
ALLEN COUNTY 0.9 NW CEDAR CANYONS [41.24, -85.08] 07/27/14 15:28 EST 0 Source: Amateur Radio Amateur radio operators reported penny size hail for three minutes along with a few small tree limbs down. ALLEN COUNTY 1.7 NE FT WAYNE SMITH ARPT [41.17, -85.13] 07/27/14 15:31 EST 0 Thunderstorm Wind (EG 52 kt) 07/27/14 15:32 EST 0 Source: Trained Spotter A trained spotter estimated wind gusts to 60 mph near the intersection of Coldwater and Till Roads. ALLEN COUNTY 0.7 S GRABILL [41.21, -84.97] 07/27/14 15:43 EST 0 Hail (1.00 in) 07/27/14 15:44 EST 0 Source: Public The public reported hail to the size of quarters. HUNTINGTON COUNTY 1.0 W HUNTINGTON [40.88, -85.50] 07/27/14 15:54 EST 0 Hail (0.75 in)		07/27/14 15:19 EST		0	Source: Public
07/27/14 15:28 EST 0 Hail (0.75 in) 07/27/14 15:31 EST 0 Source: Amateur Radio Amateur radio operators reported penny size hail for three minutes along with a few small tree limbs down. ALLEN COUNTY 1.7 NE FT WAYNE SMITH ARPT [41.17, -85.13] 07/27/14 15:31 EST 0 Thunderstorm Wind (EG 52 kt) 07/27/14 15:32 EST 0 Source: Trained Spotter A trained spotter estimated wind gusts to 60 mph near the intersection of Coldwater and Till Roads. ALLEN COUNTY 0.7 S GRABILL [41.21, -84.97] 07/27/14 15:43 EST 0 Hail (1.00 in) 07/27/14 15:44 EST 0 Source: Public The public reported hail to the size of quarters. HUNTINGTON COUNTY 1.0 W HUNTINGTON [40.88, -85.50] 07/27/14 15:54 EST 0 Hail (0.75 in)	The public posted a picture of hail at least the size of	of golf balls on the office Tw	vitter account.		
07/27/14 15:28 EST 0 Hail (0.75 in) 07/27/14 15:31 EST 0 Source: Amateur Radio Amateur radio operators reported penny size hail for three minutes along with a few small tree limbs down. ALLEN COUNTY 1.7 NE FT WAYNE SMITH ARPT [41.17, -85.13] 07/27/14 15:31 EST 0 Thunderstorm Wind (EG 52 kt) 07/27/14 15:32 EST 0 Source: Trained Spotter A trained spotter estimated wind gusts to 60 mph near the intersection of Coldwater and Till Roads. ALLEN COUNTY 0.7 S GRABILL [41.21, -84.97] 07/27/14 15:43 EST 0 Hail (1.00 in) 07/27/14 15:44 EST 0 Source: Public The public reported hail to the size of quarters. HUNTINGTON COUNTY 1.0 W HUNTINGTON [40.88, -85.50] 07/27/14 15:54 EST 0 Hail (0.75 in)	ALLEN COUNTY 0.9 NW CEDAR CANYONS [41	.24, -85.08]			
Anateur radio operators reported penny size hail for three minutes along with a few small tree limbs down. ALLEN COUNTY 1.7 NE FT WAYNE SMITH ARPT [41.17, -85.13] 07/27/14 15:31 EST 0 Thunderstorm Wind (EG 52 kt) 07/27/14 15:32 EST 0 Source: Trained Spotter A trained spotter estimated wind gusts to 60 mph near the intersection of Coldwater and Till Roads. ALLEN COUNTY 0.7 S GRABILL [41.21, -84.97] 07/27/14 15:43 EST 0 Hail (1.00 in) 07/27/14 15:44 EST 0 Source: Public The public reported hail to the size of quarters. HUNTINGTON COUNTY 1.0 W HUNTINGTON [40.88, -85.50] 07/27/14 15:54 EST 0 Hail (0.75 in)		07/27/14 15:28 EST		0	Hail (0.75 in)
ALLEN COUNTY 1.7 NE FT WAYNE SMITH ARPT [41.17, -85.13] 07/27/14 15:31 EST 0 Thunderstorm Wind (EG 52 kt) 07/27/14 15:32 EST 0 Source: Trained Spotter A trained spotter estimated wind gusts to 60 mph near the intersection of Coldwater and Till Roads. ALLEN COUNTY 0.7 S GRABILL [41.21, -84.97] 07/27/14 15:43 EST 0 Hail (1.00 in) 07/27/14 15:44 EST 0 Source: Public The public reported hail to the size of quarters. HUNTINGTON COUNTY 1.0 W HUNTINGTON [40.88, -85.50] 07/27/14 15:54 EST 0 Hail (0.75 in)		07/27/14 15:31 EST		0	Source: Amateur Radio
O7/27/14 15:31 EST 0 Thunderstorm Wind (EG 52 kt) O7/27/14 15:32 EST 0 Source: Trained Spotter A trained spotter estimated wind gusts to 60 mph near the intersection of Coldwater and Till Roads. ALLEN COUNTY 0.7 S GRABILL [41.21, -84.97] O7/27/14 15:43 EST 0 Hail (1.00 in) O7/27/14 15:44 EST 0 Source: Public The public reported hail to the size of quarters. HUNTINGTON COUNTY 1.0 W HUNTINGTON [40.88, -85.50] O7/27/14 15:54 EST 0 Hail (0.75 in)	Amateur radio operators reported penny size hail for	r three minutes along with	a few small tree lim	nbs down.	
O7/27/14 15:31 EST 0 Thunderstorm Wind (EG 52 kt) O7/27/14 15:32 EST 0 Source: Trained Spotter A trained spotter estimated wind gusts to 60 mph near the intersection of Coldwater and Till Roads. ALLEN COUNTY 0.7 S GRABILL [41.21, -84.97] O7/27/14 15:43 EST 0 Hail (1.00 in) O7/27/14 15:44 EST 0 Source: Public The public reported hail to the size of quarters. HUNTINGTON COUNTY 1.0 W HUNTINGTON [40.88, -85.50] O7/27/14 15:54 EST 0 Hail (0.75 in)	ALLEN COUNTY 1.7 NE FT WAYNE SMITH ARP	T [41.17, -85.13]			
A trained spotter estimated wind gusts to 60 mph near the intersection of Coldwater and Till Roads. ALLEN COUNTY 0.7 S GRABILL [41.21, -84.97] 07/27/14 15:43 EST 0 Hail (1.00 in) 07/27/14 15:44 EST 0 Source: Public The public reported hail to the size of quarters. HUNTINGTON COUNTY 1.0 W HUNTINGTON [40.88, -85.50] 07/27/14 15:54 EST 0 Hail (0.75 in)		• •		0	Thunderstorm Wind (EG 52 kt)
ALLEN COUNTY 0.7 S GRABILL [41.21, -84.97] 07/27/14 15:43 EST 0 Hail (1.00 in) 07/27/14 15:44 EST 0 Source: Public The public reported hail to the size of quarters. HUNTINGTON COUNTY 1.0 W HUNTINGTON [40.88, -85.50] 07/27/14 15:54 EST 0 Hail (0.75 in)		07/27/14 15:32 EST		0	Source: Trained Spotter
07/27/14 15:43 EST 0 Hail (1.00 in) 07/27/14 15:44 EST 0 Source: Public The public reported hail to the size of quarters. HUNTINGTON COUNTY 1.0 W HUNTINGTON [40.88, -85.50] 07/27/14 15:54 EST 0 Hail (0.75 in)	A trained spotter estimated wind gusts to 60 mph ne	ear the intersection of Cold	water and Till Road	S.	
07/27/14 15:43 EST 0 Hail (1.00 in) 07/27/14 15:44 EST 0 Source: Public The public reported hail to the size of quarters. HUNTINGTON COUNTY 1.0 W HUNTINGTON [40.88, -85.50] 07/27/14 15:54 EST 0 Hail (0.75 in)	ALLEN COUNTY 0.7 S GRABILL [41.21, -84.97]				
The public reported hail to the size of quarters. HUNTINGTON COUNTY 1.0 W HUNTINGTON [40.88, -85.50] 07/27/14 15:54 EST 0 Hail (0.75 in)		07/27/14 15:43 EST		0	Hail (1.00 in)
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07/27/14 15:54 EST 0 Hail (0.75 in)	The public reported hail to the size of quarters.				
07/27/14 15:54 EST 0 Hail (0.75 in)	HUNTINGTON COUNTY 1.0 W HUNTINGTON [4	0.88, -85.50]			
07/27/14 15:55 EST 0 Source: Trained Spotter	•			0	Hail (0.75 in)
		07/27/14 15:55 EST		0	Source: Trained Spotter

ALLEN COUNTY --- 2.1 N BROOKSIDE ESTATES [41.18, -85.08]

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/27/14 16:02 EST		0	Thunderstorm Wind (EG 55 kt)
	07/27/14 16:03 EST		0	Source: Public
he public reported a tree was bl	own down on State Roud 1 and Tonkel Road.	. Other smaaller lim	nbs were observed	on the road.
ADAMS COUNTY DECATUR [[40.83, -84.93]			
	07/27/14 16:26 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/14 16:27 EST		0	Source: Trained Spotter
rained spotters reported several	small to medium size branches down across	the town.		
HUNTINGTON COUNTY 1.0 S				
	07/27/14 17:40 EST		0	Thunderstorm Wind (EG 48 kt)
	07/27/14 17:41 EST		0	Source: Emergency Manager
causing some small cuts. There we he development of landspouts. He astrong upper level trough enterolenty of deep layer shear, on the beaked around 2000 j/kg allowing	d, likely from flying rocks or debris with a resi- were numerous eyewitness reports (and photo- flowever, all damage was thrown in a northear- ered the region during the afternoon hours, ne order of 45 to 55 knots. While instability of the organized storm development and pe	ographs) of funnel st or east direction, with a 110 knot up wasn't extreme, m riodic hybrid supe	clouds in the area a , consistent with a l pper level jet strea ixed layer cape in	as a result of conditions favorable for lack of a circulation on the ground. k. This allowed for the lowered levels
causing some small cuts. There we he development of landspouts. He astrong upper level trough enterolenty of deep layer shear, on the beaked around 2000 j/kg allowing	were numerous eyewitness reports (and photo dowever, all damage was thrown in a northear ered the region during the afternoon hours, ne order of 45 to 55 knots. While instability w	ographs) of funnel st or east direction, with a 110 knot up wasn't extreme, m riodic hybrid supe	clouds in the area a , consistent with a l pper level jet strea ixed layer cape in	as a result of conditions favorable for lack of a circulation on the ground. k. This allowed for the lowered levels
causing some small cuts. There we he development of landspouts. He astrong upper level trough enterplenty of deep layer shear, on the beaked around 2000 j/kg allowing arge hail, with wind damage replease.	were numerous eyewitness reports (and photo dowever, all damage was thrown in a northear ered the region during the afternoon hours, ne order of 45 to 55 knots. While instability want ng for organized storm development and pe ports increasing as storm collapses began to	ographs) of funnel of the store ast direction, with a 110 knot upwasn't extreme, mriodic hybrid superto occur.	clouds in the area a , consistent with a l pper level jet strea ixed layer cape in	as a result of conditions favorable for lack of a circulation on the ground. k. This allowed for the lowered levels
causing some small cuts. There we he development of landspouts. He astrong upper level trough enterplenty of deep layer shear, on the beaked around 2000 j/kg allowing arge hail, with wind damage replease.	were numerous eyewitness reports (and photo dowever, all damage was thrown in a northeast ered the region during the afternoon hours, ne order of 45 to 55 knots. While instability to ag for organized storm development and perports increasing as storm collapses began to the country 1.0 W ST. JOSEPH HARBOR	ographs) of funnel of the store ast direction, with a 110 knot upwasn't extreme, mriodic hybrid superto occur.	clouds in the area a , consistent with a l pper level jet strea ixed layer cape in er cells. Initials rep	as a result of conditions favorable for lack of a circulation on the ground. Ik. This allowed for the lowered levels ports were in the form of
causing some small cuts. There we he development of landspouts. He astrong upper level trough enterplenty of deep layer shear, on the beaked around 2000 j/kg allowing arge hail, with wind damage replease.	were numerous eyewitness reports (and photo dowever, all damage was thrown in a northear ered the region during the afternoon hours, ne order of 45 to 55 knots. While instability want ng for organized storm development and pe ports increasing as storm collapses began to	ographs) of funnel of the store ast direction, with a 110 knot upwasn't extreme, mriodic hybrid superto occur.	clouds in the area a , consistent with a l pper level jet strea ixed layer cape in	as a result of conditions favorable for lack of a circulation on the ground. k. This allowed for the lowered levels
causing some small cuts. There we he development of landspouts. For A strong upper level trough enterpolenty of deep layer shear, on the deaked around 2000 j/kg allowing arge hail, with wind damage repole. LAKE MICHIGAN NEW BUFFALO TO ST JOSEPH	were numerous eyewitness reports (and photo- dowever, all damage was thrown in a northead ered the region during the afternoon hours, ne order of 45 to 55 knots. While instability was no for organized storm development and per ports increasing as storm collapses began to MI COUNTY 1.0 W ST. JOSEPH HARBOR 07/15/14 07:23 EST	ographs) of funnel st or east direction, with a 110 knot upwasn't extreme, mriodic hybrid supeto occur.	clouds in the area a , consistent with a l pper level jet strea ixed layer cape in er cells. Initials rep	as a result of conditions favorable for lack of a circulation on the ground. Ik. This allowed for the lowered levels ports were in the form of Waterspout Source: Trained Spotter
causing some small cuts. There we he development of landspouts. For a strong upper level trough enterpolenty of deep layer shear, on the deaded around 2000 j/kg allowing arge hail, with wind damage report of the lateral property. A spotter for the International Cerum and the spotter for the International Cerum and the spotter for the lateral property. One was sighted to the development of the deaded and the spotter for the lateral property.	were numerous eyewitness reports (and photo dowever, all damage was thrown in a northeast ered the region during the afternoon hours, ne order of 45 to 55 knots. While instability to a for organized storm development and perior increasing as storm collapses began to the country 1.0 W ST. JOSEPH HARBOR 07/15/14 07:23 EST 07/15/14 07:25 EST or was the Great Lakes resulted in the format offshore from St. Joseph, MI.	ographs) of funnel st or east direction, with a 110 knot upwasn't extreme, mriodic hybrid superto occur.	clouds in the area and consistent with a lapper level jet streatived layer cape in the cells. Initials report of the cells are cells.	as a result of conditions favorable for lack of a circulation on the ground. Alk. This allowed for the lowered levels ports were in the form of Waterspout Source: Trained Spotter offshore from St. Joseph. If which produced
causing some small cuts. There we he development of landspouts. For a strong upper level trough enterpolenty of deep layer shear, on the deaded around 2000 j/kg allowing arge hail, with wind damage report of the lateral property. A spotter for the International Cerum and the spotter for the International Cerum and the spotter for the lateral property. One was sighted to the development of the deaded and the spotter for the lateral property.	were numerous eyewitness reports (and photo- dowever, all damage was thrown in a northear ered the region during the afternoon hours, ne order of 45 to 55 knots. While instability is ng for organized storm development and pe- ports increasing as storm collapses began to MI COUNTY 1.0 W ST. JOSEPH HARBOR 07/15/14 07:23 EST 07/15/14 07:25 EST Interior Waterspout Research observed and pe- across the Great Lakes resulted in the format offshore from St. Joseph, MI.	ographs) of funnel st or east direction, with a 110 knot upwasn't extreme, mriodic hybrid superto occur.	clouds in the area and consistent with a lapper level jet streatived layer cape in the cells. Initials report the cells are cells.	as a result of conditions favorable for lack of a circulation on the ground. Alk. This allowed for the lowered levels ports were in the form of Waterspout Source: Trained Spotter

A cold front was moving into the region during the overnight hours. A weak disturbance aided in the development of overnight thunderstorms. Gusty winds moved onshore across southeastern Lake Michigan.

MICHIGAN,	Extreme	Southwest

The public reported a tree down onto a residence. No injuries were noted.

CASS COUNTY 2.1 SE MARCE		0	Thursdonetons Mind (FO CE III)
	07/01/14 00:00 EST	0	Thunderstorm Wind (EG 65 kt)
	07/01/14 00:01 EST	0	Source: Trained Spotter
	== .		
A trained spotter estimated wind gu	ists to 75 mpn.		
ST. JOSEPH COUNTY 0.7 N TH	·		
	·	0	Thunderstorm Wind (EG 55 kt)

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ST. JOSEPH COUNTY 0.5 E FLOWERFIEL	=			
	07/01/14 00:19 EST		0	Thunderstorm Wind (EG 61 kt)
	07/01/14 00:20 EST		0	Source: Trained Spotter
A trained spotter estimated wind gusts to 70 m	nph.			
ST. JOSEPH COUNTY CENTREVILLE [41.	92, -85.53]			
	07/01/14 00:30 EST		0	Thunderstorm Wind (EG 56 kt)
	07/01/14 00:31 EST		0	Source: Amateur Radio
Amateur radio operators reported wind gusts of	estimated to at least 65 mph.			
BRANCH COUNTY 0.5 W SHERWOOD [42	2.00, -85.24]			
	07/01/14 00:35 EST		0	Thunderstorm Wind (EG 60 kt)
	07/01/14 00:36 EST		0	Source: Emergency Manager
Emergency management officials reported nu	merous trees and power lines do	wn across mainly t	he northern part of	the county.
BRANCH COUNTY 0.7 S COLDWATER [41	1.94, -85.00]			
•	07/01/14 00:48 EST		0	Thunderstorm Wind (EG 57 kt)
	07/01/14 00:49 EST		0	Source: Emergency Manager
Emergency management officials reported sertree limbs.	veral trees down, blocking some	roads. Several de	ad trees were also	felled from the strong wind as well as
HILLSDALE COUNTY 0.5 W HILLSDALE [
	07/01/14 01:10 EST 07/01/14 01:11 EST		0	Thunderstorm Wind (EG 60 kt) Source: Emergency Manager
Emergency management officials reported numbers of the second of the sec	CENTER [42.05, -84.44] 07/01/14 01:13 EST		0	Thunderstorm Wind (EG 60 kt)
	07/01/14 01:14 EST		0	Source: Emergency Manager
Emergency management officials reported the	e top third of a 154 foot tall 911 co	mmunications tow	er was blown over.	
HILLSDALE COUNTY 0.5 E JONESVILLE	= 1			
	07/01/14 01:15 EST		0	Thunderstorm Wind (EG 60 kt)
	07/01/14 01:16 EST		0	Source: Emergency Manager
Emergency management officials reported tre	es down across the town with sca	attered power outa	ges.	
HILLSDALE COUNTY 0.5 W SOMERSET C	CENTER [42.05, -84.43]			
	07/01/14 01:20 EST		0	Thunderstorm Wind (EG 60 kt)
	07/01/14 01:21 EST		0	Source: Trained Spotter
A trained spotter reported trees down.				
A line of severe thunderstorms developed in was available for the line to mature into a section was available for the line to mature into a section of the line of this law in the stronger line of thunderstorms rapidly developerameters to work with deep layer shear to convection raced into northwestern Indianal edge that lead to multiple tornado confirmation in the line of the	evere bow-echo with the bulk of line did briefly take on bowing c ana and far southwestern Lower loped on a pre-frontal trough in 50 knots and a rapidly increasi during the late evening hours, tions and swaths of at times ext	this racing north haracteristics, pro r Michigan before northern Illinois. ng low level jet to several stronger c ensive wind dama	west of the area into oducing gusty win dissipating. Behin This line had mucl 50 knots. As this irculations were n uge. The second ev	to Wisconsin and Central ds over southern Lake nd this line, a much h more favorable second line of noted along the leading
CASS COUNTY EDWARDSBURG [41.80, -	86.08]			
	07/23/14 00:45 EST		0	Hail (1.25 in)
	07/22/44 00:EE ECT		•	0 5 1 11

07/23/14 00:55 EST

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Source: Public

0

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The public reported hail to the siz	te ha half dollars fell for 5 to 10 minutes.			
•	e region during the overnight hours. A weak to briefly sustain updrafts long enough to p		•	ent of overnight
BERRIEN COUNTY 0.7 S STE	VENSVILLE [42.01, -86.52]			
	07/27/14 13:52 EST		0	Hail (1.75 in)
	07/27/14 13:53 EST		0	Source: Public
The public passed on video foota	ge of hail to the size of golf balls falling in the	area.		
BERRIEN COUNTY 0.5 E STE	VENSVILLE [42.02, -86.51]			
	07/27/14 14:06 EST		0	Hail (1.00 in)
	07/27/14 14:07 EST		0	Source: Trained Spotter
BERRIEN COUNTY 0.7 N ST	JOSEPH [42.11, -86.48]			
	07/27/14 14:06 EST		0	Hail (0.88 in)
	07/27/14 14:07 EST		0	Source: Fire Department/Rescue
plenty of deep layer shear, on tl peaked around 2000 j/kg allowir	ered the region during the afternoon hours, ne order of 45 to 55 knots. While instability wang ng for organized storm development and per ports increasing as storm collapses began t	wasn't extreme, m riodic hybrid supe	xed layer cape in	the lowered levels

DEFIANCE COUNTY 0.9 SW HICKSVILLE [41.29, -84.76]			
07/01/14 01:18 EST	0	Thunderstorm Wind (EG 55 kt)	
07/01/14 01:19 EST	0	Source: Amateur Radio	
Amateur radio operators reported several large tree limbs down.			
PAULDING COUNTY 0.5 W ANTWERP [41.18, -84.74]			
07/01/14 01:18 EST	0	Thunderstorm Wind (EG 61 kt)	
07/01/14 01:19 EST	0	Source: Public	
Estimated 70 mph wind gusts were reported in the area.			
VAN WERT COUNTY OHIO CITY [40.77, -84.62]			
07/01/14 01:45 EST	0	Thunderstorm Wind (EG 55 kt)	
07/01/14 01:46 EST	0	Source: Emergency Manager	

Emergency management officials reported a large tree with rot inside snapped, hitting a house and garage. No injuries were reported.

A line of severe thunderstorms developed in eastern lowa during the afternoon hours of June 30th. Plenty of instability and moisture was available for the line to mature into a severe bow echo with the bulk of this racing northwest of the area into Wisconsin and Central Lower Michigan. The southern flank of this line did briefly take on bowing characteristics and produce gusty winds over southern Lake Michigan into portions of northwestern Indiana and far southwestern Lower Michigan before dissipating. Behind this line, a much stronger line of thunderstorms rapidly developed on a pre-frontal trough in northern Illinois. This line had much more favorable parameters to work with with deep layer shear to 50 knots and a rapidly increasing low level jet to 50 knots. As this line raced into northwestern Indiana during the late evening hours, several stronger circulations were noted along the leading edge that lead to multiple tornado confirmations and swaths of at times extensive wind damage. The second event continued into July 1st with additional wind damage and confirmed tornadoes occurring during the early morning hours.

HENRY COUNTY 0.7 N NAPOLEON [41.39, -84.13]			
07/26/14 14:07 EST	0	Hail (1.00 in)	
07/26/14 14:08 EST	0	Source: Public	

The public reported hail to the size of quarters.

OHIO Northwest

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PAULDING COUNTY 2.1 N TIF	PTON [41.05, -84.67]			
	07/26/14 14:35 EST		0	Hail (3.00 in)
	07/26/14 14:36 EST		0	Source: Trained Spotter
A trained spotter reported hail up	to three inches in diameter.			
PAULDING COUNTY 0.5 W PA	YNE [41.08, -84.73]			
	07/26/14 14:37 EST		0	Hail (1.25 in)
	07/26/14 14:38 EST		0	Source: Trained Spotter
A trained spotter reported hail to t	the size of a half dollar.			
he order of 1000-1500 j/kg with	fortex moved out of Wisconsin during the n strong deep layer shear and pockets of hig ms exhibiting supercell characteristics. The is balls.	her 0 to 3 km Stor	m Relative Helicity	y. Storms appeared to be
he order of 1000-1500 j/kg with slightly elevated with a few stor	strong deep layer shear and pockets of hig ms exhibiting supercell characteristics. The is balls. CHUMM [40.75, -84.75]	her 0 to 3 km Stor	m Relative Helicity ed to produce sev	y. Storms appeared to be veral reports of hail,
he order of 1000-1500 j/kg with slightly elevated with a few stor some to at least the size of tenn	strong deep layer shear and pockets of hig ms exhibiting supercell characteristics. The is balls.	her 0 to 3 km Stor	m Relative Helicity	y. Storms appeared to be
he order of 1000-1500 j/kg with slightly elevated with a few stor some to at least the size of tenn /AN WERT COUNTY 1.6 W SO	strong deep layer shear and pockets of hig ms exhibiting supercell characteristics. The is balls. CHUMM [40.75, -84.75] 07/27/14 10:39 EST	her 0 to 3 km Stor ese storms manag	m Relative Helicity ed to produce sev 0 0	y. Storms appeared to be veral reports of hail, Thunderstorm Wind (EG 55 kt) Source: Emergency Manager
he order of 1000-1500 j/kg with slightly elevated with a few stor some to at least the size of tenn /AN WERT COUNTY 1.6 W SO	strong deep layer shear and pockets of hig ms exhibiting supercell characteristics. The is balls. CHUMM [40.75, -84.75] 07/27/14 10:39 EST 07/27/14 10:40 EST reported trees and power lines down in the a	her 0 to 3 km Stor ese storms manag	m Relative Helicity ed to produce sev 0 0	y. Storms appeared to be veral reports of hail, Thunderstorm Wind (EG 55 kt) Source: Emergency Manager
the order of 1000-1500 j/kg with slightly elevated with a few storesome to at least the size of tenneral ways with the size of tenneral ways and the size of tenneral ways with the size o	strong deep layer shear and pockets of hig ms exhibiting supercell characteristics. The is balls. CHUMM [40.75, -84.75] 07/27/14 10:39 EST 07/27/14 10:40 EST reported trees and power lines down in the a	her 0 to 3 km Stor ese storms manag	m Relative Helicity ed to produce sev 0 0	y. Storms appeared to be reral reports of hail, Thunderstorm Wind (EG 55 kt) Source: Emergency Manager s well. Thunderstorm Wind (EG 50 kt)
the order of 1000-1500 j/kg with slightly elevated with a few storesome to at least the size of tenneral ways with the size of tenneral ways and the size of tenneral ways with the size o	strong deep layer shear and pockets of hig ms exhibiting supercell characteristics. The is balls. CHUMM [40.75, -84.75] 07/27/14 10:39 EST 07/27/14 10:40 EST reported trees and power lines down in the a	her 0 to 3 km Stor ese storms manag	m Relative Helicity ed to produce sev 0 0 was flipped over as	y. Storms appeared to be reral reports of hail, Thunderstorm Wind (EG 55 kt) Source: Emergency Manager s well.
the order of 1000-1500 j/kg with slightly elevated with a few storesome to at least the size of tenner. WAN WERT COUNTY 1.6 W Some to the size of tenner. Emergency management officials	strong deep layer shear and pockets of hig ms exhibiting supercell characteristics. The is balls. CHUMM [40.75, -84.75] 07/27/14 10:39 EST 07/27/14 10:40 EST reported trees and power lines down in the a	her 0 to 3 km Stor ese storms manag area. A semi trailer	m Relative Helicity ed to produce sev 0 0 was flipped over as	y. Storms appeared to be reral reports of hail, Thunderstorm Wind (EG 55 kt) Source: Emergency Manager s well. Thunderstorm Wind (EG 50 kt) Source: Amateur Radio
the order of 1000-1500 j/kg with slightly elevated with a few storesome to at least the size of tenner. WAN WERT COUNTY 1.6 W Some to the size of tenner. Emergency management officials	strong deep layer shear and pockets of hig ms exhibiting supercell characteristics. The is balls. CHUMM [40.75, -84.75] 07/27/14 10:39 EST 07/27/14 10:40 EST reported trees and power lines down in the a CERVILLE [40.71, -84.35] 07/27/14 17:05 EST 07/27/14 17:06 EST	her 0 to 3 km Stor ese storms manag area. A semi trailer	m Relative Helicity ed to produce sev 0 0 was flipped over as	y. Storms appeared to be reral reports of hail, Thunderstorm Wind (EG 55 kt) Source: Emergency Manager s well. Thunderstorm Wind (EG 50 kt) Source: Amateur Radio
the order of 1000-1500 j/kg with slightly elevated with a few storesome to at least the size of tennor. AN WERT COUNTY 1.6 W So Emergency management officials. ALLEN COUNTY 0.7 N SPENORMANIA SPENORMAN	strong deep layer shear and pockets of hig ms exhibiting supercell characteristics. The is balls. CHUMM [40.75, -84.75] 07/27/14 10:39 EST 07/27/14 10:40 EST reported trees and power lines down in the a CERVILLE [40.71, -84.35] 07/27/14 17:05 EST 07/27/14 17:06 EST	her 0 to 3 km Stor ese storms manag area. A semi trailer	m Relative Helicity ed to produce sev 0 0 was flipped over as	y. Storms appeared to be reral reports of hail, Thunderstorm Wind (EG 55 kt) Source: Emergency Manager s well. Thunderstorm Wind (EG 50 kt) Source: Amateur Radio

A strong upper level trough entered the region during the afternoon hours, with a 110 knot upper level jet streak. This allowed for plenty of deep layer shear, on the order of 45 to 55 knots. While instability wasn't extreme, mixed layer cape in the lowered levels peaked around 2000 j/kg allowing for organized storm development and periodic hybrid super cells. Initials reports were in the form of large hail, with wind damage reports increasing as storm collapses began to occur.

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